

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	139	(717/155).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:23
S2	27	S1 and merging	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 15:45
S3	3	S2 and (estimating and data\$1flow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 16:19
S4	1	((estimating or estimate\$1)cost) and (data\$1flow analysis)) and (merged or merging) and mutex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 09:55
S5	2	("7124271").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 12:51
S6	0	("compilerand(forwarddisjunctivedataflowanalysis)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 12:51
S7	4	compiler and (forward disjunctive dataflow analysis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/16 15:39

## EAST Search History

S8	6	S1 and merging and (thread\$1 or threading)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 15:46
S9	2	S1 and merging and (thread\$1 or threading) and (data\$1flow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 16:00
S10	4	forward disjunctive dataflow analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 16:14
S11	2	S1 and (critical section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 16:14
S12	162	(compiler or optimization) and (estimating and data\$1flow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 16:19
S13	8	(compiler or optimization) and (estimating same data\$1flow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/03 16:28
S14	2	("7124271").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 16:28

## EAST Search History

S15	2	("20050108695").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 10:00
S16	0	("10714198").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 10:00
S17	0	("10714198").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 10:25
S18	2	("20050108695").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 10:25
S19	139	(717/155).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:23
S20	139	S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:23
S21	2	S19 and (critical (section\$1 or area\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:26

## EAST Search History

S22	365	compiler and (critical (section\$1 or area\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:47
S23	5	S22 and (cost same matrix) and merge\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:28
S24	1237	compiler and (critical (section\$1 or area\$1 or path\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:47
S25	164	compiler same (critical (section\$1 or area\$1 or path\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:48
S26	102	S25 and (combine\$1 or merge\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 11:48
S27	10	S25 same (combine\$1 or merge\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 14:16
S28	2	("20030208673").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 15:00

## EAST Search History

S29	0	("(merge\$ormerg\$3)near4(criticalsection\$1)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 15:01
S30	5	(merge\$1 or merg\$3) near4 (critical section\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 15:08
S31	48	(merge\$1 or merg\$3) near4 (critical (section\$1 or area\$1 or path\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 16:44
S32	242	(data\$1flow analysis) and compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 16:45
S33	12	((data\$1flow analysis) same cost) and compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 16:48
S34	5	((data\$1flow analysis) same cost) and compiler and matrix and vector\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 17:25
S35	3	((data\$1flow analysis) same cost) and compiler and (forward disjunctive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/16 15:38

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S36	3	((data\$1flow analysis) same cost) and (forward disjunctive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 17:26
S37	4	(data\$1flow analysis) and (forward disjunctive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 10:48
S38	4537	(assign\$3 near5 lock\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 10:49
S39	365	compiler and (critical (section\$1 or area\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 10:49
S40	365	S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 10:49
S41	10	S39 and (assign\$3 near3 lock\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 12:20
S42	77	S39 and (redundant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 15:12

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S43	1	S39 and (redundant same enter\$1 same exit\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 12:21
S44	7	S39 and (redundant same enter\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 12:21
S45	3	S39 and (remov\$3 near3 redundant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/14 15:12
S46	2	("20050108695").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/16 08:01
S47	2	("7124271").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/16 08:49
S48	2	("5367684").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/16 08:49
S49	4	(forward disjunctive dataflow analysis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/16 15:46

## EAST Search History

S50	2	("20050210208").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/16 16:49
S51	2	("5021947").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/16 17:17
S52	2	("6691301").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/16 21:44
S53	2	("7124271").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/16 21:44



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lock contention, merging critical sections

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Results 1 - 10 of about 126,000 for **lock contention, merging critical sections**. (0.26 seconds)

[PDF] **Lock Behavior Characterization of Commercial Workloads**

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**Critical section. Lock contention.** Time/Instruction Flow. Thread 1 .... merging JBB's self-release and resolved components, we can see that using our ...

pages.cs.wisc.edu/~chang/757.pdf - [Similar pages](#)

[PDF] **Developing Platform Consistent Multithreaded Applications ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

**Lock contention**, synchronization, spin-wait, **critical section**, **lock** size ... better scheme might be to **merge** the two small **critical sections** into one larger ...

cache-www.intel.com/cd/00/00/05/15/51532\_chapter\_4\_synchronization02.pdf -

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**Server Performance and Scalability Killers**

Use spincounts on **critical sections**. See the SetCriticalSectionSpinCount API ... The reason for the poor performance is **contention: lock contention**, ...

msdn2.microsoft.com/en-us/library/ms951773.aspx - 28k - [Cached](#) - [Similar pages](#)

**SteveStreeting.com » 2006 » July**

I've been doing some profiling on **critical sections**, to see just how much ... are more threads than CPUs when relatively protracted **lock contention** happens, ...

www.stevestreeting.com/?m=200607 - 42k - [Cached](#) - [Similar pages](#)

**Kernel Traffic #31 For 19 Aug 1999**

He suggested, "On an SMP system, when a **critical section** of code is being hit ... as expensive as the **lock contention** you were suffering in the first place! ...

www.kerneltraffic.org/kernel-traffic/kt19990819\_31.html - 48k - [Cached](#) - [Similar pages](#)

[PDF] **'> >+>> IIIIL'++**

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in a **critical section**. The fifth criterion is solely a limitation .... then there is little **lock contention**. Essentially,. the concurrent ...

www.osti.gov/bridge/servlets/purl/10177556-hSjBp6/native/10177556.pdf - [Similar pages](#)

**Hardware Support For Release Consistency With Queue-based ...**

**lock**. variable protecting the **critical section** is released. .... as well as the network traffic caused by **lock contentions** in. the release-consistent system ...

ieeexplore.ieee.org/iel4/5247/14219/00652542.pdf?arnumber=652542 - [Similar pages](#)

**CM Crossroads**

**Critical Section** Fusing and **Critical Section** Partitioning are the "inverse" of ... checkout-**contention**, it also reduces the likelihood of **merging** and **merge** ...

www.cmcrossroads.com/.../learning-from-concurrent,-parallel,-and-distributed-systems-design.html - 94k - [Cached](#) - [Similar pages](#)

**LNCS 4128 - Speeding-Up Synchronizations in DSM Multiprocessors**

(b) **Lock-based critical. section** skeleton (up), and code to acquire and release a **lock** variable (down). of **contention**, where the Owner, the Winner, ...

www.springerlink.com/index/9732198255182501.pdf - [Similar pages](#)

[PDF] **Microsoft PowerPoint - 03. OpenMPandStructuredParallelism.ppt**

File Format: PDF/Adobe Acrobat

Reduce **lock contention**. • Different named **critical sections** ... **Merge** parallel loops and remove barriers. **Merge** small **critical sections** ...

www.ice.gelato.org/oct06/pres\_pdf/gelato\_ICE06oct\_multicore\_openmp\_huang\_intel.pdf -

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